

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION



I, a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## MOBILE MONOLITHIC POLYMER ELEMENTS FOR FLOW CONTROL IN MICROFLUIDIC DEVICES

the specification of which (check one) \_\_\_ is attached hereto, or X was filed on 05/08/2002, as application Serial No. 10/141,906 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date	Status
Application Number	Filing Date	Status

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 (a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/695,816</u>	<u>10/24/2000</u>	<u>PENDING</u>
Application Number	Filing Date	Status

**POWER OF ATTORNEY** I hereby appoint the following attorneys and practitioners to prosecute this application and to transact all business in the United States Patent Office connected therewith:

Bruce W. Winchell, Reg. 27,474; George H. Libman, Reg. 27,984; Kurt C. Olsen, Reg. 29,961; Russell D. Elliott, Reg. 35,497; John W. Wooldridge, Reg. 38,725; Brian W. Dodson, Reg. 39,170; John P. Hohimer, Reg. 39,226; Timothy P. Evans, Reg. 41,013; Elmer A. Klavetter, Reg. 42,743; Donald A. Nissen, Reg. 44,261; and Robert D. Watson, Reg. 45,604.

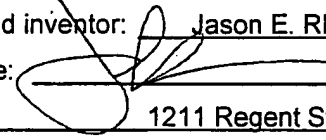
### CUSTOMER BAR CODE

Send correspondence to: Timothy Evans,  
Sandia National Laboratories  
Post Office Box 969, Mail Stop 9031  
Livermore, CA 94551-0969

Direct telephone calls to: Timothy Evans at (925) 294-3690

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Ernest F. HASSELBRINK, Jr.  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 1532 Wood Court, Saline, MI 48176  
Citizenship: USA  
Post Office Address: 1532 Wood Court, Saline, MI 48176

Full name of second inventor: Jason E. REHM  
Inventor's signature:  \_\_\_\_\_ Date: 08/04/02  
Residence: 1211 Regent Street, Alameda, CA 94501  
Citizenship: USA  
Post Office Address: 1211 Regent Street, Alameda, CA 94501

Full name of third inventor: Timothy J. SHEPODD  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 330 Thrasher Avenue, Livermore CA 94550  
Citizenship: USA  
Post Office Address: 330 Thrasher Avenue, Livermore CA 94550

Full name of third inventor: Brian J. KIRBY  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 1340 20th Avenue, Apt. 2, San Francisco, CA 94122  
Citizenship: USA  
Post Office Address: 1340 20th Avenue, Apt. 2, San Francisco, CA 94122

## DECLARATION ID POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## MOBILE MONOLITHIC POLYMER ELEMENTS FOR FLOW CONTROL IN MICROFLUIDIC DEVICES

the specification of which (check one) ☐ is attached hereto, or ☒ was filed on 05/08/2002, as application Serial No. 10/141,906 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date	Status
--------------------	-------------	--------

Application Number	Filing Date	Status
--------------------	-------------	--------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 (a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/695,816</u>	<u>10/24/2000</u>	<u>PENDING</u>
Application Number	Filing Date	Status

**POWER OF ATTORNEY** I hereby appoint the following attorneys and practitioners to prosecute this application and to transact all business in the United States Patent Office connected therewith:

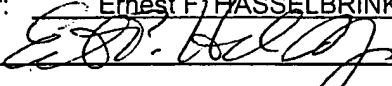
Bruce W. Winchell, Reg. 27,474; George H. Libman, Reg. 27,984; Kurt C. Olsen, Reg. 29,961; Russell D. Elliott, Reg. 35,497; John W. Wooldridge, Reg. 38,725; Brian W. Dodson, Reg. 39,170; John P. Hohimer, Reg. 39,226; Timothy P. Evans, Reg. 41,013; Elmer A. Klavetter, Reg. 42,743; Donald A. Nissen, Reg. 44,261; and Robert D. Watson, Reg. 45,604.

Send correspondence to: Timothy Evans,  
Sandia National Laboratories  
Post Office Box 969, Mail Stop 9031  
Livermore, CA 94551-0969

CUSTOMER BAR CODE

Direct telephone calls to: Timothy Evans at (925) 294-3690

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Ernest F. HASSELBRINK, Jr.  
 Inventor's signature:  Date: \_\_\_\_\_  
 Residence: 1532 Wood Court, Saline, MI 48176  
 Citizenship: USA  
 Post Office Address: 1532 Wood Court, Saline, MI 48176

Full name of second inventor: Jason E. REHM  
 Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: 1605 9<sup>th</sup> Street, Alameda, CA 94501  
 Citizenship: USA  
 Post Office Address: 1605 9<sup>th</sup> Street, Alameda, CA 94501

Full name of third inventor: Timothy J. SHEPODD  
 Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: 330 Thrasher Avenue, Livermore CA 94550  
 Citizenship: USA  
 Post Office Address: 330 Thrasher Avenue, Livermore CA 94550

Full name of third inventor: Brian J. KIRBY  
 Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: 1340 20th Avenue, Apt. 2, San Francisco, CA 94122  
 Citizenship: USA  
 Post Office Address: 1340 20th Avenue, Apt. 2, San Francisco, CA 94122

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MOBILE MONOLITHIC POLYMER ELEMENTS FOR FLOW CONTROL IN MICROFLUIDIC DEVICES**

the specification of which (check one) ☐ is attached hereto, or ☒ was filed on 05/08/2002, as application Serial No. 10/141,906 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date	Status
--------------------	-------------	--------

Application Number	Filing Date	Status
--------------------	-------------	--------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 (a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/695,816</u>	<u>10/24/2000</u>	<u>PENDING</u>
Application Number	Filing Date	Status

**POWER OF ATTORNEY** I hereby appoint the following attorneys and practitioners to prosecute this application and to transact all business in the United States Patent Office connected therewith:

Bruce W. Winchell, Reg. 27,474; George H. Libman, Reg. 27,984; Kurt C. Olsen, Reg. 29,961; Russell D. Elliott, Reg. 35,497; John W. Wooldridge, Reg. 38,725; Brian W. Dodson, Reg. 39,170; John P. Hohimer, Reg. 39,226; Timothy P. Evans, Reg. 41,013; Elmer A. Klavetter, Reg. 42,743; Donald A. Nissen, Reg. 44,261; and Robert D. Watson, Reg. 45,604.

## CUSTOMER BAR CODE

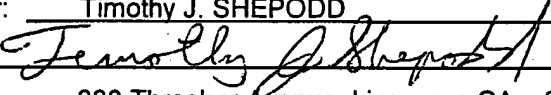
Send correspondence to: Timothy Evans,  
Sandia National Laboratories  
Post Office Box 969, Mail Stop 9031  
Livermore, CA 94551-0969

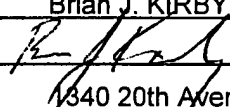
Direct telephone calls to: Timothy Evans at (925) 294-3690

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Ernest F. HASSELBRINK, Jr.  
 Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: 1532 Wood Court, Saline, MI 48176  
 Citizenship: USA  
 Post Office Address: 1532 Wood Court, Saline, MI 48176

Full name of second inventor: Jason E. REHM  
 Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: 1605 9<sup>th</sup> Street, Alameda, CA 94501  
 Citizenship: USA  
 Post Office Address: 1605 9<sup>th</sup> Street, Alameda, CA 94501

Full name of third inventor: Timothy J. SHEPODD  
 Inventor's signature:  Date: 8/6/2002  
 Residence: 330 Thrasher Avenue, Livermore CA 94550  
 Citizenship: USA  
 Post Office Address: 330 Thrasher Avenue, Livermore CA 94550

Full name of third inventor: Brian J. KIRBY  
 Inventor's signature:  Date: 8/11/2002  
 Residence: 1340 20th Avenue, Apt. 2, San Francisco, CA 94122  
 Citizenship: USA  
 Post Office Address: 1340 20th Avenue, Apt. 2, San Francisco, CA 94122